

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: January 8, 2002, 21:37:54 ; Search time 108.09 Seconds
(without 108.21 alignment updates/sec)

Title: US-09-635-521A-1

Perfect score: 1362

Sequence: 1 atggcttacccaggctccc.....ttcaggagcatgaaatgttga 1362

Scoring table: IDENTITY_NUC Gapop 10.0 , Gapext 1.0

Searched: 930621 seqs, 428662619 residues

number of hits satisfying chosen parameters: 1861242

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database : N_Geneseq_1101:*

- 1: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1980.DAT;*
- 2: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1981.DAT;*
- 3: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1982.DAT;*
- 4: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1983.DAT;*
- *5: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1984.DAT;*
- 6: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1985.DAT;*
- 7: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1986.DAT;*
- 8: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1987.DAT;*
- 9: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1988.DAT;*
- 10: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1989.DAT;*
- 11: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1990.DAT;*
- 12: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1991.DAT;*
- 13: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1992.DAT;*
- 14: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1993.DAT;*
- 15: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1994.DAT;*
- 16: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1995.DAT;*
- 17: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1996.DAT;*
- 18: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1997.DAT;*
- 19: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1998.DAT;*
- 20: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA1999.DAT;*
- 21: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA2000.DAT;*
- 22: /SIDS2/gcdatta/geneseq/geneseq/geneseq/NA2001.DAT;*

ALIGNMENTS

RESULT 1
ID AAF22400 standard; cDNA; 1953 BP.
XX AAF22400;
XX AAF22400;

DT 26-MAR-2001 (first entry)
XX Human secreted protein gene 28 SEQ ID NO:38.

DE Human secreted protein gene 28 SEQ ID NO:38.
XX Human; secreted protein; diagnosis; immunosuppressive; antiarthritic; antirheumatic; antiproliferative; cytostatic; cardiac; vasoactive; cerebroprotective; nootropic; neuroprotective; antibacterial; virucide; fungicide; ophthalmological; gene therapy; autoimmune disease; neoplasm; rheumatoid arthritis; hyperproliferative disorder; cardiac arrest; cardiovascular disorder; cerebrovascular disorder; cerebral ischaemia; angiogenesis; nervous system disorder; Alzheimer's disease; ocular disorder; corneal infection; preservative; ss.
XX Homo sapiens.
OS WO2000061629-A1.
PN XX
XX PD 19-Oct-2000.
XX PP 06-APR-2000; 2000WO-US09071.
XX PR 09-APR-1999; 99US-0128694.
PR 20-JAN-2000; 2000US-0176931.
XX PA (HUM-) HUMAN GENOME SCI INC.
PA (ROSE-) ROSEN C A.
XX

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query	Match Length	DB ID	Description
1	508.6	508.6	37.3	1953	Human secreted protein
2	508.6	508.6	37.3	1956	Human secreted protein
C 3	497.6	497.6	36.5	1890	Human secreted protein
4	236.6	236.6	17.4	587	Primer specific for
5	165.2	165.2	12.1	1254	Human neurotinsin
6	158.6	158.6	11.6	444	Human tumour assoc
7	102.6	102.6	7.5	1203	Nucleotide sequence
8	97.6	97.6	7.2	1551	Human NT2LP protein
9	97.6	97.6	7.2	1575	Human NT2LP protein
10	96.2	96.2	7.1	2850	AAZ49492
11	96.2	96.2	7.1	1092	AAZ45405

02-APR-1997; 97US-0832399.
(SMIK) SMITHKLINE BEECHAM CO
Bergsma DJ, Shabon U;
WPI: 1998-550434/48.
P-PSDB; AAW80598.

New human neurotensin receptor
- useful as diagnostic reagent
cancer and osteoporosis

Claim 4 : Page 7-8; 26pp; Engl

The present sequence encodes
HNR polypeptides and polynucleic
related to over or underexpressed
mutations in the HNR gene us
or mRNA expression levels. hnr
for compounds which affect a
be used for treatment to inhibit
activity, in addition to direct
treat conditions associated w
administration of antisense s
may also be used to affect s
comprising HNR polypeptides o
and antibodies are useful for
treat disease, and isolating
chromatography. Diseases prev
or HIV-2 infections; pain; cc
heart failure; Parkinson's d
retention; osteoporosis; ang
allergies; benign prostatic h
dementia, including anxiety
dementia; severe mental retar
disease or Gilles de la Tourette
also useful for mapping the g
inheritance to be studied thn

ISU/LT	1	AVV62449	AAV62449 standard; cDNA; 1342 BP.	Human neurotensin receptor type 2 encodirn	Human; neurotensin receptor type 2; infec
		AAV62449;			viral; HIV-1; HIV-2; cancer; anoxia; heart failure; Parkinson's disease
					acute urinary retention; osteoporosis; angina pectoris; benign prostatic hypertrophy; ulcer; allergy; psychotic neurological disorder; manic depression; severe mental retardation; dyskinesias; Gilles de la Tourette's syndrome; ss.
		6-JAN-1999	(first entry)	Homo sapiens.	
				Key CDS	Location/Qualifiers 53..1012 /*tag= a
				EP875568-M1.	
				04-NOV-1998.	
				01-APR-1998;	
				98EP-0302536.	

Vogeli G, Wood LS, Parodi LA, Hiebsch RR, Lind P, Slightom J; Scheillin KA, Kaytes PS, Bannigan CM, Ruff V, Sejlitz T, Huff RM; WPI; 2001-389826/41.
P-PDB: AAG80937.

New G protein-coupled receptor (nGPCR-x) and its encoding polynucleotide useful for diagnosing and treating e.g. schizophrenia

Claim 4: Page 78-79; 261pp; English.

The present invention relates to novel G protein-coupled receptors (nGCRx), where x is 1, 3, 4, 5, 9, 11, 12, 14-18, 20, 21, 22, 24, 27, 28, 31-38, 40, 41, 53-60, and their coding sequences. The present sequence is the coding sequence for one such G protein-coupled receptor. GPCRs are also known as seven transmembrane receptors and function in signal transduction. The nGCRx coding sequences are useful for screening a human to diagnose a disorder affecting the brain or a genetic predisposition, specifically schizophrenia. nGCRx are useful for identifying compounds useful for treating schizophrenia. Detection of nGCRx in a sample is useful as a diagnostic tool for diseases or disorders e.g. thyroid disorders, renal failure, rheumatoïd arthritis, CNS disorders, infections such as HIV-1, metabolic and cardiovascular diseases, proliferative disorders and hormonal disorders. Modulators of nGCRx activity have the utility for treating neurological disorders, including schizophrenia, ADHD/ADD (attention deficit-hyperactivity disorder/attention deficit disorder), and neuronal disorders such as Alzheimer's disease, Parkinson's disease, migraine and senile dementia. Additional disorders include inflammatory conditions (e.g. Crohn's disease), rheumatoïd arthritis, autoimmune disorders, cancers, respiratory ailments such as asthma, and inflammatory diseases e.g. inflammatory bowel disease.

Sequence 801 BP: 300 A: 107 C: 261 G: 153 T: 0 other: